

ABRAMOVICH, Ye. L

Some results of mineralogical and petrographic studies of D_{2+3} carbonate sediments in the area near Tashkent. Dokl. AN Uz.SSR no.10: 29-32 '59 (MIRA 13:3)

1. Institut geologii AN UzSSR. Predstavleno akademikom AN UzSSR A.S. Uklonskim.
(Tashkent region--Carbonates (Mineralogy))

ABRAMOVICH, Ye.L.

Rhythms of stratification of middle and upper Devonian sediments
in the Tashkent region. Uzb. geol. zhur. no.6:75-81 '60.

(MIRA 14:1)

1. Institut geologii AN UzSSR.
(Tashkent region--Geology, Stratigraphic)

ABRAMOVICH, Ye.L.

Classification of sedimentary multicomponent rocks in Middle and
Upper Devonian sediments in the Tashkent region. Uch.zap.SAIGIMS
no.5:19-21 '61. (MIRA 15:11)
(Tashkent region--Rocks, Sedimentary--Classification)

ABRAMOVICH, Ye.L.

Genesis and regularities in the location of complex ores in the carbonaceous layer of the Devonian of the Kalkanata Mountains.
Zakonom. razm. plezn. iskop. 5:385-396 '62. (MRIA 15:12)

1. Institut geologii AN Uzbekiskoy SSR.
(Kalkanata Mountains—Ore deposits)

ABRAMOVICH, Ye.L.

Structural and textural characteristics of sulfide ores of syngenetic-epigenetic genesis as revealed by the study in Kalkanata Mountain.
Uzb.geol.zhur. 7 no.5:59-64 '63. (MIRA 17:3)

1. Institut geologii im. Kh.M.Abdullayeva AN UzSSR.

ABRAMOVICH, Ye.L.

More on the genesis of ore-bearing dolomites in Kalkanata Mountain.
Uzb.geol.zhur. 7 no.5:85-88 '63. (MIRA 17:3)

1. Institut geologii im. Kh.M.Abdullayeva AN UzSSR.

ABRAMOVICH, Ye.I.

Petrographic characteristics of Middle and Upper Devonian elastic
rocks in the northern Karamazar Mountains. Uzb. geol. zhur. 8 no.5:
29-36 '64. (MIRA 38:5)

1. Institut geologii i geofiziki im. Sh.M.Abdullayeva AN UzSSR.

ABRAMOVICH, Ye.L.; MAKHMUDOV, A.B.

Lithological types of the carbonate rocks of the Kyngyr series
of the Tamdytau and their petrographic characteristics. Uzb.
geol. zhur. 9 no.5:5-12 '65. (MIRA 18:11)

1. Institut geologii i geofiziki im. Kh.M. Abdullayeva AN UzSSR.
Submitted September 24, 1964.

ABRAMOVICH, Ye.M.; MECHAYEV, Yu.A.

Authigenic fluorite in Kungur deposits of the Perm area of
the Ural Mountain region. Dokl. AN SSSR 135 no.2:414-415 N '60.

(MIRA 13:11)

1. Permskiy gosudarstvennyy universitet im.A.M.Gor'kogo i
Permskiy geologo-razvedochnyy trest. Predstavleno akademikom
N.M.Strakhovym.

(Perm Province--Fluorite)

KELDYSH, M.V., akademik; FEDOROV, Ye.K., akademik; ARTSIMOVICH, L.A., akademik;
SISAKYAN, A.A., akademik; GERSHIY, I.I.; LATISA, P.I.; FOK, V.A.;
LANDAU, L.D.; LIFSHITS, Ye.M.; SHAL'NIKOV, A.I.; ELIZABETHOV, I.M.;
AIBISSEVSKY, N.Ye.; VAYNSHTLYN, I.A.; PALLADIN, A.V., akademik;
SATTAYEV, A.I., akademik; AMBARTSUMYAN, V.A., akademik; LUFREVICH,
V.F.; NUSIMOVICH, N.I., akademik; KARAYEV, F.K.; MUSTEL', E.R.;
KASEVICH, L.G., doktor fiz.-matem.nauk; EPKON, I.M.; MARIYNOV, D.Ya.,
prof.; GIL'DOR'YEV, A.A., akademik; MAROV, K.K., prof.; COIOVKOVA,
A.G., prof.; FILKOVA, L.G., prof.; PEYVE, Ye.V.; SEMIKHATOV, B.N.,
prof.; TEL'N, A.G.; RYCHAGOV, G.I.; BARSLEYA, V.F.; VLASOVA, A.A.;
BARANOV, Ye.F.; KIBARDINA, L.A.; ISACHENKO, A.F.; IL'INA, Yu.P.;
DANILOV, A.I., prof.; FLAUDE, K.K.; NECHAYEVA, T.N., prof.; CHEPEL,
L., doktor; SZANTO, Ladislav, akademik; BELACHIK, Yozef; FAN KLOK
V'YEN; LYGENSON, M.S., prof. (L'vov); STARKOV, N.; ABRAMOVICH, Yu.;
VOSKRESHENSKIY, V.; KROPACHEV, A.; REZVOY, D., prof., (L'vov);
FONDRAI'YEV, V.N., akademik; LEEEDINSKIY, V.I., kand.geol.-mineral.-
nauk; YANSHIN, A.L., akademik

"Priroda" is 50 years old. Priroda 51 no.1:3-16 Ja '62.

(MIRA 15:1)

1. Prezident AN SSSR (for Keldysh). 2. Glavnyy uchenyy sekretar'
Prezidiuma AN SSSR (for Fedorov). 3. Akademik-sekretar' Otdeleniya
fiziko-matem.nauk AN SSSR (for Artsimovich). 4. Akademik-sekretar'
Otdeleniya biologicheskikh nauk AN SSSR (for Sisakyan). 5. Chlen-
korrespondent AN SSSR, zamestitel' akademika-sekretarya Otdeleniya
(Continued on next card)

ABRAMOVICH, Yu. (G. Achinsk, Krasnoyarskogo kraya)

~~Preparing a screen for the 6X5 tubes.~~ Radio no. 5:60 My '55.
(Electron tubes) (MLRA 8:6)

ABRAMOVICH, Yu. (g. Mariinsk).

Spool-less winding of transformers. Radio no. 78 Supp. 13 J1 '57.
(Electric transformers) (MLHA 10:8)

ABRAMOVICH, Yu.A.; VEYSMAN, Yu.

Diagnosis, clinical aspects, and treatment of acute hematogenic
osteomyelitis of the first rib. Vest.khir.76 no.9:107-109 0 '55.
(MLRA 9:1)

1. Iz Voenno-morskogo gosptalya
(RIBS, dis. acute hematogenic,
osteomyelitis, diag.,clin.aspects & ther.)
(OSTEOMYELITIS,
rib, acute hematogenic, diag.clin.aspects & ther.)

ABRAMOVICH, Yu.A.

Foreign body injury of the esophagus complicated by mediastinal
and cervical phlegmon. Vest. khir. 94 no.2:103-104 F '65.
(MIRA 18:5)

ABRAMOVICH, YU. I.
USSR/General Biology - Genetics.

B-5

Abs Jour : Ref Zhur - Biol., No 7, 1958, 28579

Author : Uspenskiy, N.A., Kuzina, V.E., Abramovich, Yu.I.

Inst : -

Title : Method of Matching Pairs in Intraspecies Hybridization
of Soft Summer Wheats.

Orig Pub : Zap. Voronezhsk. s.-kh. in-ta, 1956, 26, No 2, 88-97

Abstract : The author attempted to develop methods of matching pairs in crossing soft wheats, chiefly based on the principle of crossing varieties which would complement one another in different features and produce varieties more productive and more resistant to different diseases and pests. With a view toward precise characterization of matching pairs a coefficient of intensity (CI) was introduced for the growth of either element of productivity. CI permitted comparison of different varieties in one element; in addition, different elements within the limits

Card 1/2

17

LITVINSKIY, M.P.; ABRAMOVICH, Yu.I.

Detachable filter trap on the cooker. Spirt. prom. 24 no.5:33
'58. (MIRA 11:9)
(Distilling industries--Equipment and supplies)

LITVINSKIY, M.P.; ABRAMOVICH, Yu.I.

Special equipment for grinding malt. Spirt. prom. 24 no.6:37
'58. (MIRA 11:10)
(Malt) (Milling machinery)

ABRAMOVICH, Yu.I.; LITVINSKIY, M.P.

Mechanical device for acidification of yeast mash. Spirt. prom.
27 no.6:26-28 '61. (MIRA 14:9)
(Distilling industries--Equipment and supplies)

AL'TMAN, V. V.; ABRAMOVICH, Yu. I.; LITVINSKIY, M. P.

Hydraulic sandblast cleaning of heat exchangers. Spirt. prom.
28 no.8:16-17 '62. (MIRA 16:1)

1. Mariinskiy spirtovoy zavod.

(Heat exchangers--Cleaning)

ABRAMOVICH, Yu. N.

25402. ABRAMOVICH, YU. N.

O znachenii i neobkhodimosti dlya geokhimii, mineralogii i geologii izucheniya
redkikh elementov. Uchen. Zapiski (Molotovskiy Gos. Un-T I. Gorbukho), T IV,
Vyp. 4, 1948, s. 141-53. -- Bibliogr: C. 160-53

SO: Letopis' Zhurnal Statey, No. 30, Moscow, 1948

ABRAMOVICH, YU. M.

Metamict Minerals -- Unique Pseudomorphs
Mineralog. sb. L'vovsk. geol o-va, No 7, 1953, pp 285-287,

Proceeding from a definition of pseudomorphs as minerals whose external forms do not correspond to composition and from a definition of metamicts as minerals whose internal structures correspond to a glassy isotropic mass with conchoildal fracture, the author concludes that metamict minerals in morphologicogenetic relation are unusual pseudomorphs, more truly paramorphs. (RZhGeol, No 3, 1955)

SO: Sum. No. 639, 2 Sep 55

ABRAMOVICH, Yu.M.

~~Sphene from Tek station in the Dnepropetrovsk region. Min.sbor.~~
no.5:337-339 '51. (MLRA 9:12)

1. Gosuniversitet imeni A.M.Gor'kogo, Molotov.
(Dnepropetrovsk Province--Sphene)

ABRAMOVICH, Yu. M.

Pseudomorphism in sedimentary mineral formation. Vop.min.osad.
obr. 3/4:80-86 '56. (MLRA 9:11)

1. Gosuniversitet imeni A.M.Gor'kogo, Molotov.
(Mineralogy)

Abramovich Yu. M.

USSR/Cosmochemistry - Geochemistry. Hydrochemistry, D

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 716

Author: Abramovich, Yu. M.

Institution: Lvov University

Title: Pseudomorphism in Sedimentary Mineral Formation

Original

Periodical: Vopr. mineralogii osadoch. obrazovaniy, No 3-4, Lvov, Lvov University, 1956, 80-86

Abstract: A survey article. The author includes a communication on a new type of pseudomorphism of one variety after another variety of the same mineral: the pseudomorphosis of crystalline gypsum after fibrous gypsum, named ordite after its location (Orda village, Molotov Oblast). This type of pseudomorphism the author proposes to call autopseudomorphism, reserving the designation allopseudomorphism for all remaining types of pseudomorphism. A bibliography of 29 items is included.

Card 1/1

ABRAMOVICH, Yu.M.

Chemical composition of titanites from Uman'. Min.sbor. no.12:
442-444 '58. (MIRA 13:2)

1. Gosuniversitet imeni A.M.Gor'kogo, Perm'.
(Uman' region--Titanite--Analysis)

ABRAMOVICH, Yu.M.; NECHAYEV, Yu. A.

Native copper in Upper Permian sediments of the Ural Mountain
region in Perm Province. Min. sbor. no.16:416-418 '62.
(MIRA 16:10)

1. Gosudarstvennyy universitet imeni A.M. Gor'kogo, Perm' i
Permskiy geologorazvedochnyy trest.
(Perm Province—Copper ores)

ABRAMOVICH, Z., inzh.; DUSAVITSKIY, A., inzh.; KAGAN, A., inzh.; RUBIN, L., inzh.

Design practices which increase the intervals between the bearing elements
of overhead intrafactory pipelines. Prom. stroi. i inzh. soor. 5 no.2:
45-46 Mr-Ap '63. (MIRA 16:4)

(Pipelines)

ABRAMOVICH, Z.A., inzh.; DUSAVITSKIY, A.K., inzh.; KAGAN, A.P., inzh.;
RUBIN, L.B., inzh.

Laying pipes above ground at existing enterprises. Stroi.
truboprov. 6 no.6:12-14 Je '61. (MIRA 14:7)

1. Ukrainskiy Gosudarstvennyy proyektnyy institut "Santekhproyekt",
g. Khar'kov.

(Gas pipes)

ABRAMOVICH, Z. D.

Preparation of cotton-seed for oil making Moskva,
Pishchepromizdat, 1941. 93p.

DA

1. Cotton-seed

ABRAMOVICH, E.I., inzhener.

Production of soybean flour from edible oilcake and meal.

Meal.-zhir.prom. 17 no.8:3-5 Ag '52.

(MIRA 10:9)

1. Glavrazzhirmaslo.

(Soybean flour)

KRUGLOV, E.A.; VAYSBERG, K.M.; ABRAMOVICH, Z.I.

Investigating the individual composition of the synthetic
fatty acids of petroleum paraffins. Khim. i tekhn. topl. i
masel 9 no.5:36-38 5 My'64 (MIRA 17:7)

1. Nauchno-issledovatel'skiy institut neftekhimicheskikh
proizvodstv.

USSR/Human and Animal Morphology - The Skeleton.

S

Abs Jour : Ref Zhur Biol., No 5, 1959, 21553

Author : Abranovich, Z.M.

Inst :

Title : Case of Echinococcosis of the Vertebral Column

Orig Pub : Khirurgiya, 1958, No 5, 127-128

Abstract : Description of a case of echinococcosis of the lumbar area of the vertebral column in a patient aged 25 years who had suffered from this disease for 20 years. At operation a large number of echinococcus cysts were removed from the enucleated cyst.

Card 1/1

- 26 -

ABRAMOVICH, Zh.R.

Planning pits and basements under conditions of high ground
water levels. Stroi. prom. 35 no.1:47 Ja '57. (MLRA 10:2)

1. Gosudarstvennyy Institut po proektirovaniyu predpriyatiy
nikelevoy promyshlennosti.
(Waterproofing)

LIPNITSKIY, M.Ye.; ABRAMOVICH, Zh.R.; ONUFRIYEV, N.M., kand.tekhn.nauk,
nauchnyy red.; KAPLAN, M.Ye., red.izd-va; PUL'KINA, Ye.A.,
tekhn.red.

[Designing reinforced-concrete bins and silos] Proektirovanie
zhelezobetonnykh bunkerov i silosov. Leningrad, Gos.izd-vo
lit-ry po stroit., arkhitekt. i stroit. materialam, 1960. 288 p.
(MIRA 13:12)

(Reinforced concrete construction) (Silos)

ABRAMOVICH-LEKHMAN, R. Ya.

"Organizovannaya umstvennaya deyatel'nost' kak lechebnyy faktor pri detskikh tserebral'nykh paralichakh."

report submitted for 15th Intl Cong, Intl Assn of Applied Psychology, Ljubljana, Yugoslavia, 2-8 Aug 1964.

Nauchno-isledovatel'skiy detskiy ortopedicheskiy institut im. G. I. Turnera, Leningrad.

PSIKUNOVA, V.G., kand.med.nauk; ABRAMOVICH-POLYAKOV, D.K.

Peculiar lesion of the neuroendocrine sphere following the
action of high-frequency current. Vrach. delo no. 3:121-122
Mr '61.

(MIRA 14:4)

1. Klinika (nauchnyy rukovoditel' - prof. S.D. Reyzel'man
[deceased]) Ukrainского instituta gigiyeny truda i profzabolevaniy.
(ELECTRICITY--PHYSIOLOGICAL EFFECT) (NERVOUS SYSTEM--DISEASES)
(ENDOCRINE GLANDS--DISEASES)

ABRAMOVICH-POLYAKOV, D. K.; ANATOVSKAYA, V. S. (Khar'kov)

Rare case of porphyrinuria. Gig. truda i prof. zab. 5 no.7:52-53
J1 '61. (MIRA 15:7)

1. Ukrainskiy nauchno-issledovatel'skiy institut gigiyeny truda
i professional'nykh zabolevaniy.

(PORPHYRINURIA)

ABRAMOVICI, Bruno, ing.; TORJESCU, Nadia, ing.

New method for determining the amount bitumen in asphalt mixtures. Rev transport 10 no.2:58-59 P '63.

BUDUESCU, M., ing. tehnolog; ABRAMOVICI, J., ing. tehnolog; HAIM, E., ing. tehnolog; STREIT, E., ing. mecanic; IONESCU, I., arh.

Complex planning and designing helping a systematic introduction of new technics in the rubber industry. Industria usoara 3 no.10:416-420 0 '56.

ABRAMOVICI, L.

Mechanization of the moving, emulsification, and mixing of fibrous materials in carded wool spinneries. p. 108.

INDUSTRIA TEXTILA

Vol. 7, no. 3, Mar. 1956

Rumania

Source: EAST EUROPEAN LISTS Vol. 5, no. 10 Oct. 1956

ABRAMOVICI, L.

TECHNOLOGY

Periodicals: REVISTA CONSTRUCTIILOR SI A MATERIALELOR DE CONSTRUCTII
Vol. 10, no. 7, July 1958

ABRAMOVICI, L. Present stage of development in prefabricated-parts
production in Poland. I. p. 379

Monthly List of East European Accessions (EMAT) IC, Vol. 8, No. 2,
February 1959, Unclass.

ABRAMOVICI, L.; [REDACTED]

TECHNOLOGY

REVISTA CONSTRUCTILOR SI A MATERIALELOR DE CONSTRUCTII. Vol. 10, no. 11,
Nov. 1958.

Present stage of prefabricated-concrete construction in Poland. p.560

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 53
~~May~~ 1959, Unclass.
March

ABRAMOVICI, M

TECHNOLOGY

PERIODICAL: INDUSTRIA TEXTILE, Vol. 9, no. 11, Nov. 1958

ABRAMOVICI, M. Growing output of the mills at the Flămura Rosie Silk-Weaving Mills of Bucharest. p. 434

Monthly List of East European Accessions (FEA) 10 Vol. 8, No. 4
April 1959, Unclass

RUMEN/Chemical Technology. Chemical Products and Their
Application. Ceramics. Glass. Binding Materials.
Concrete.

Abs Jour: Ref Zhur-Khim., No 10, 1959, 35663.

Author : Abramovici, R., Kohn, D. and Iakabfi, A.
Inst :
Title : Calcium Oxide Bonded Abrasives.

Orig Pub: Rev China, 2, No 5, 250-253 (1958) (in Russian
with summaries in German, French, English, and
Russian)

Abstract: A new type of abrasive has been developed which is
produced from local Russian trass, chemical
composition (%): SiO_2 70.09; Al_2O_3 13.1; Fe_2O_3
2.87; CaO 2.36; H_2O 1.09; alkalinity 1.16; pH 11.
[useful pore volume] 0.35. The product can be used

Card : 1/2

RUMANIA/Chemical Technology. Chemical Products and Their
Application. Ceramics. Glass. Binding Materials.
Concrete.

Abs Jour: Ref Zhur-Kaim., No 10, 1999, 35663.

as an abrasive and as a source of oxides in the
formation of mineral binders [cements]. The prin-
cipal bonding material in the abrasives is CaO , which
is used in different amounts depending on the re-
quired hardness. The materials obtained are classi-
fied as soft abrasives and can be used with good re-
sults in the polishing and cutting of copper rollers
used in the printing and textile industries. The
proposed abrasives have a number of technical and
economic advantages over Na_2SiO_3 based abrasives. --
Ya. Maculis.

Card : 2/2

ABRAMOVICI, R.; CRISTEA, V.; VELICA, P.

Structural tensions in calcic porcelains. Studii chim Timisoara
8 no.3/4:281-288 J1-D '61.

44090

G/005/62/000/011/002/002
D205/D307

15 2600

AUTHOR: Apramovici, Rudolf

TITLE: Porcelain for electrical applications in the system
CaO - Al_2O_3 - SiO_2

PERIODICAL: Silikattechnik, no. 11, 1962, 389-392

TEXT: The author investigated the possibility of producing porcelain with superior dielectric properties by using fluxes from the CaO - Al_2O_3 - SiO_2 system in place of feldspar. A wide variety of fluxes was prepared as frits by melting mixtures of calcined Al_2O_3 , high purity $CaCO_3$, and Miorka quartz sand. Samples were prepared by firing these frits with quartz sand at $1350^{\circ}C$. A similar sample with feldspar was made for comparison. The results of these measurements are only relative but approximate to those expected from porcelain. The dielectric properties of samples from the CaO - Al_2O_3 - SiO_2 system were better than those of the sample containing feldspar, but no simple relation was found between the chemical com-

Card 1/2

Porcelain for electrical ...

G/005/62/000/011/002/002
D205/D307

position and dielectric properties of porcelain samples prepared with optimum flux composition (9.8% CaO, 19.8% Al₂O₃, 70.4% SiO₂), only one had a pure mullite structure. The most promising compositions from the point of view of sintering temperature and mechanical strength were modified by replacing some of the SiO₂ by burned kaolin. Detailed study of these samples led to the best firing composition containing Aghires kaolin 45%, Harghita kaolin 10%, Miorkan sand 5%, frit 35%, burned kaolin 5%. The mechanical and electrical properties of porcelain from this composition fired at 1350° and 1380°C are reported. The mechanical properties are similar to those of good porcelain made with feldspar. The electrical properties are superior to those of porcelain made with feldspar, and the sintering temperature is higher. There are 9 figures and 4 tables. f

Card 2/2

ABRAMOVICI, R.; SAVII, D.; FILIPESCU, E.

Characteristics and comportment in exploiting some grog refractory materials obtained by a single combustion. Studii chim Timisoara 9 no.3/4:336-341 J1-D '62.

ABRAMOVICI, R.; ENACHE, M.

Feldspathic electroporcelain with addition of steatite. Bul
St si Tehn Tim 9 no.1-23-28 Ja-Jo '64.

ABRAMOVICI, R.; VELISA, P.; GLAH, I.

Influence of the introduction of previously melted feldspar in
the porcelain mass on its properties. Bul St al Tehn Tim 9
no.2:341-348 J1-D '64.

LATIU, V.; ABRAMOVICI, R.; CRISTEA, V.; CICOARE, L.; PASCU, E.

Study of Obreja quartzite in view of its utilization for
silica refractory manufacturing. Bul Sti Sti Tehn Tim 9 no.2:
355-359 J1-D '64.

ABRAMOVICI, S.

"The use of diatomite as an aggregate in concrete."

p. 578 (Industria Constructiilor Si A Materialelor De Constructii)
No. 10, 1957
Bucharest, Rumania

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

ABRAMOVICI, S.

Light additives and masonry materials manufactured from them. p. 69.

EPITOANYAG. (Epitoanyagipari Tudományos Egyesület)
BUDAPEST, HUNGARY
Vol. 11, no.1/2, Jan./Feb. 1959

Monthly List of East European Accessions (EEAI) LC., Vol. 8, no.7, July 1959
Uncl.

AUTHOR: Abramovskiy, I.N., Kargapolov, M.I. (Perm') SOV/42-13-3-31/41

TITLE: Finite Groups With the Property of Transitivity for Normal Divisors (Konechnyye gruppy so svoystvom tranzitivnosti dlya normal'nykh deliteley)

PERIODICAL: Uspekhi matematicheskikh nauk, 1958, Vol 13, Nr 3, pp 242-243 (USSR)

ABSTRACT: According to Best and Taussky [Ref 1], t-groups are such groups in which the normal divisor of a normal divisor of the group is a normal divisor itself with respect to the whole group. If every subgroup of G has the t-property, then G is called a T-group.

Theorem: A finite group which does not contain the quaternion group has the T-property then and only then if in it the order and the index of the commutator group are relatively prime and if every subgroup of the commutator group is a normal divisor of the whole group.

Theorem: A finite group containing the quaternion group is a T-group then and only then if in it the greatest common divisor of the order and the index of the commutator group is the number 2 and if every subgroup of the commutator group is a normal divisor of the group. The order of the commutator group is divisible by 2 but not by 4.

Card 1/2

SOV
Finite Groups With the Property of Transitivity for Normal Divisors /42-13-3-31/41

Theorem: A finite t-group is a T-group then and only then if it is supersolvable.

Theorem: Every t-group is an extension of a T-group with the aid of a semisimple group.

There is 1 English reference.

Card 2/2

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

2

ABRAMOVSKIY, S.

Speed of the crystallization of bismuth. J. Czochralski and S. Abramowski. *Wiedemann's Inst. Metallurg. Metabol.* 4, 85-8 (1937). For measuring the speed of crystn. of Bi the method of Czochralski (C. A. 11, 2747) was used. Bi, melted in a vessel of Pyrex glass, in an atm. of C₆H₆, was placed in a tin bath heated by means of an elec. crucible furnace. A Ag needle was used for drawing the crystals out of the melt. The max. of the speed of the crystn. was found to be 30 mm. min.; this result confirms the relation between the at. heat of crystn. and the speed of crystn. detd. in a former paper (cf. C. and Garlicka, C. A. 32, 4057). Eight references. E. A. Ackermann

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

1934-1939

1940-1949

1950-1959

1960-1969

1970-1979

1980-1989

1990-1999

2000-2009

2010-2019

2020-2029

2030-2039

2040-2049

2050-2059

2060-2069

2070-2079

2080-2089

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1. Oddział Neurochirurgii Kliniki Chorob Nerwowych, Wydział Le-
karski AM w Lublinie (Kierownik Kliniki: prof. dr. med. Halina
Kozniemska) ; Centralne Laboratorium Kliniczne w Lublinie (Kier-
ownik: prof. dr. med. Józef Jeske).

ABRAMOWICZ, T., OKOŁOWICZ, M.

"Arytmetyka z geometrią" (Arithmetics with geometry), by T. Abramowicz,
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ZARFEMIA, Jacek, ~~ZARFEMIA~~, Krystyna; ~~ASRAKOWICZ~~, Teresa; WALD, Ignacy

Translocation of a part of chromosome 1 on chromosome 9-12 with a syndrome of congenital anomalies and mental deficiency. Pol. tyg. lek. 20 no.22:811-813 31 My '65.

1. Z Pracowni Genetyki Klinicznej (Kierownik: doc. dr. I. Wald)
Instytutu Psychoneurologicznego i Państwowego Szpitala dla
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ABRAMOWICZ-WAWRZYNCZAKOWA, Danuta; POPLAWSKI, Bohdan

A case of a giant latent cholesteatoma of the pyramid. Otolaryng.
Pol. 19 no.2:263-265 '65.

1. Z I Kliniki Laryngologii Studium Doskonalenia Lekarzy w
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ABRAMOWICZ W.

The following procedures are used:

1. The following procedures are used:

-AERAMOWICZ, W.

ABRAMOWICZ, WLADYSLAWA

Sulfite spent liquor as a raw material for ~~synthesis of tanning~~
agents. Wladyslaw Abramowicz and Kazimierz Szymanski.
Polish Inst. Paper Technol. 1974, 14, 1-4. 4 refs.
isolating lignin sulfonates (I) compounds from spent liquor (II) and detg. properties of their various fractions described. The method consists of isolating individual fractions of I compounds by combination of dialysis and salting out. The methoxyl and I groups, the relationship between the degree of polymerization of I acid and the amt. of I groups present and the tanning substance (III) content are detd. in each fraction. Results indicated that (1) by electro-dialyzing II, 2 fractions of I acid were sep'd, i.e. the dialyzate fraction (IV) contg. 35% and the nondialyzable fraction (V) contg. 65% of the II solids, resp.; (2) the highest content of III (84%) was obtained by salting out V with ammonium salts; (3) the lowest content of III (8.5%) was found in IV; (4) the total amt. of III in the whole II was 17%. Further exps. are directed to det. the effect of the size of various fractions on the properties of the tanning agents.

L 9883-66 EWT(m) DIAAP
ACC NR: AP5027378

SOURCE CODE: UR/0371/65/000/005/0026/0034

AUTHOR: Abrams, I.; ~~Abrams, I. A.~~; Veveris, O.; Godkalns, A.; Kalis, H.;
Veveris, O. E.; Godkalns, A. K.; Kalis, Kh. E. 52 B

ORG: IFANL

ORG: Institute of Physics, AN Latv. SSR (Institut fiziki AN Latv. SSR)

TITLE: Weakening gamma radiation from cylindrical sources by cylindrical shielding

SOURCE: AN LatSSR. Izvestiya. Seriya fizicheskikh i tekhnicheskikh nauk, no. 5,
1965, 26-34

TOPIC TAGS: nuclear power, gamma radiation, gamma counter

ABSTRACT: With the development of nuclear energy, radiation protection became a major problem. A method was developed for counting the dosage rate of gamma radiation originating in a cylindrical source and shielded by a cylinder consisting of two layers of iron with a layer of lead in between. Counting was done by an electronic computer, with consideration of the multiple γ -ray scattering in the

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L 9883-66

ACC NR: AP5027378

shielding material. The values R and h characterizing the dimensions of the cylindrical sources were selected, taking into consideration the major part of the existing sources of Co⁶⁰. Orig. art. has: 3 figures and 3 tables.

SUB CODE: 18/ SUBM DATE: 04Mar65/

NR REF SOV: 010/ OTHER: 000

(Signature)
2/2

ACC NR: AP6024851

SOURCE CODE: UR/0371/66/000/002/0032/0036

AUTHOR: Abrams, I. A.; Kalis, Kh.E. -- Kalis, H.; Polokis, L. L.; Taure, I. Ya.

ORG: Institute of Physics, AN LatSSR (Institut fiziki, Latv. SSR)

TITLE: Gamma radiation of a spherical source with a cylindrical channel on the axis of symmetry of sphere and cylinder

SOURCE: AN LatSSR. Izvestiya. Seriya fizicheskikh i tekhnicheskikh nauk, no. 2, 1966, 32-36

TOPIC TAGS: *RADIATION INTENSITY,*
radiation source, gamma radiation, nuclear radiation circuit source,
radiation source design, nuclear reactor/IRT-2000 nuclear reactor

ABSTRACT: This paper describes a method for the prediction of dosage power and gamma radiation flow from a spherical radiator with a cylindrical passage carrying a flow of short life radioactive isotopes. The method was applied for a computer-supported calculation of the 15 cm diameter radiator belonging to the radiation circuit of the IRT-2000 nuclear reactor. The circuit or contour utilizes a eutectic alloy of Sn, In and Ga, with 99% of the gamma radiation coming from the In ^{116m} isotope with a half-life of 54 min. Comparison of the calculated results with measured experimental data agreed within 20%. The experimental radiation was obtained by photo-activation of the metastable level (335 Kev) of In ¹¹⁵ by the reaction In ¹¹⁵(γ, γ')In ^{115m}.

SUB CODE: 18, 20/ SUBM DATE: 29Jun65/ ORIG RBP: 006

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L 01812-67 EWT(m)

ACC NR: AP6035635

SOURCE CODE: UR/0089/66/020/005/0434/0435

AUTHOR: Abrams, I. A.; Pelekis, L. L.; Taure, I. Ya.

ORG: none

TITLE: Measurements of large ¹⁹-radiation doses and fluxes by means of photoactivation of isomeric nuclear states _{9m}

SOURCE: Atomnaya energiya, v. 20, no. 5, 1966, 434-435

TOPIC TAGS: gamma radiation, radiation dosimetry

ABSTRACT: A method for measuring large γ radiation doses by detecting the exit γ' in reactions of the type $\Lambda(\gamma, \gamma')\Lambda^m$ is described. The results of an experiment using gamma-activation analysis along with standard well-type crystal detectors are outlined. Since the isomer method does not involve destruction of the material, it lends itself to repeated use. Orig. art. has: 3 formulas. [NA]

SUB CODE: 18,06 / SUBM DATE: 21 Aug 65 / ORIG REF: 001 / OTH REF: 001

Cord 1/1 *4th*

UDC: 541.15

0922 0037

KHRIPIN, A.G., inzh.; ABRAMSKAYA, L.B., inzh.

Design of vertically-locked chain conveyers of a zigzag shape.

Izv.vys.ucheb.zav.; tekhn.prom. no.3:131-141 '60.

(MIRA 13:8)

1. Ukrainskiy nauchno-issledovatel'skiy institut kozhevenno-
obuvnoy promyshlennosti,

(Conveying machinery)

LIVYY, G.V., kand.tekhn.nauk; KSHIRIK, A. I., inzh.; BRAGINSKIY, M.A., inzh.;
KARPUKHIN, G.G., inzh.; PASHCHENKO, G.I., inzh.; ABRAMSKAYA, I.B., inzh.;
BEREZOVSKAYA, M.G., inzh.; TERESHCHENKO, F.P., inzh.; Prilimani
uchastnye: OLEYNIK, N.N.; ZHURRA, I.I.; GORONOVSKAYA, M.A.; SHAVZIN,
A.I.; GERTSVOL'F, B.S.

Unit for dynamic drying of animal leather. Report No.1. Nauch..
issl.trudy Ukr NIIP no.13:39-100 '62.

(MIRA 18:2)

KHRIPIN, A.G., inzh.; BRAGINSKIY, M.A., inzh.; ABRAMSKAYA, L.B., inzh.

Designing chain conveyors for leather drying in a dynamic state. Izv.vys.ucheb.zav.;tekh.leg.prom. no.2:122-131 '62.
(MIRA 15:5)

1. Ukrainskiy nauchno-issledovatel'skiy institut kozhevenno-obuvnoy promyshlennosti. Rekomendovana kafedroy mashin i apparatov legkoy promyshlennosti Kiyevskogo tekhnologicheskogo instituta legkoy promyshlennosti.

(Conveying machinery)

(Leather—Drying)

POL/43-15-6-2/13

18(5)

AUTHOR: Abramski, Marian, Engineer

TITLE: Causes of Forged Crossing Cracks in Forgings of High Speed Steels

PERIODICAL: Wiadomosci hutnicze, 1959, Vol 15, Nr 6, pp 178-181 (POLAND)

ABSTRACT: A crossing crack is the inner crack of a piece of forged steel. This defect sometimes goes through the whole length of the respective piece making it quite useless for any further purpose. We differ between two groups of such inner crackings: 1) A crack in the form of a cross; 2) A crack in the form of a ring. It is necessary to find out, why not all forged pieces suffer such crackings, and why the cracks happen in these two different forms. a. If the steel is heated up too fast, the crack happens while forging, because the outer part of the piece soon reaches the temperature of the oven, while the inner still remains cool. The outer surface of the material changes its squaring, causing a high tension inside and a disturbance of the stability. This is especially applicable at temperature increases from 800-900°C; b. Similarly it happens, when the steel is not heated up sufficiently. The material around

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Causes of Forged Crossing Cracks in Forgings of High Speed Steels

the axis cannot follow the outer increase of surface and the tension may then exceed the resistance of the metal; c. The most frequent reason for getting cracks during forging is, that the steel is heated up too long, which produces a coarse structure; d. Forging at insufficient temperatures is a cause for cracks too, as the minimum of 850°C cannot be controlled, especially when the diameter of a piece is different at different spots. It was noticed that a rod had cracks only at spots of a smaller diameter; e. The type of used anvil will decide whether or not a crack in a ring form could happen. When the anvil has an even, flat face, the blows of hammer will hit the material so that the direction of the acting force will always run through the middle of the rod or other processed piece. When the anvil face is profiled, this will not be guaranteed any more, and the resistance of the material would be exceeded on those spots where the supporting plate does not permit the material to transfer the force of the blow at a certain angle; f. When working with rods of a diameter below 40-50 mm, it should be seen that the anvil is pre-warmed. Otherwise, one side of the processed piece will cool down, whereby the elasticity of the ma-

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Causes of Forged Crossing Cracks in Forgings of High Speed Steels

terial is decreased. The physical and chemical difference between regions of a certain piece of steel (regional segregation) is another reason for cracking of material if it is not forged with the utmost care. This structural difference is explained by the fact that the steel, before it changes from the fluid into the firm state, consists of different basic materials of quite different chemical qualities. During the transmutation into the firm state the creation of crystals of the particular components follows quite different rules. This especially applies to sulphur, phosphorus and partly also to carbon. Here the crossing cracks appear mostly as rings. Investigations made in the "Elektrostal'" foundry of the Soviet Union determined that the basic reason for even high quality steel's subjectiveness to cracking, also on flat and even anvil-plates, is the lower density of material around the axis. Such cracks go deep into the material and can be noticed more frequently on certain spots. The edges of those cracks are usually unravelled and surrounded by porous material of lower density. Ivanov says that if the cracking of material could only be explained by a wrong manner of forging, then there would not be any crack-

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